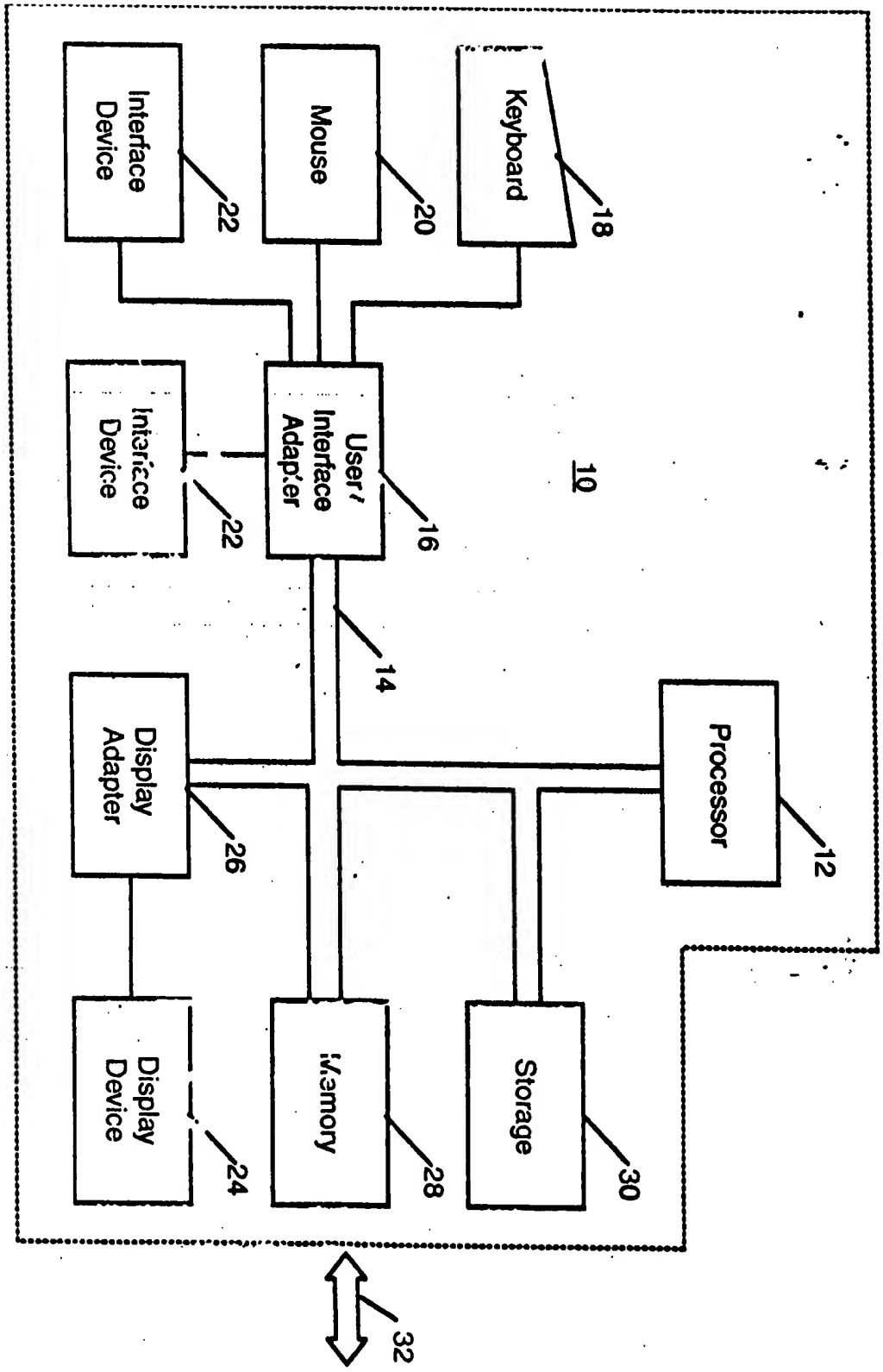


FIG. 1

D9-98-062

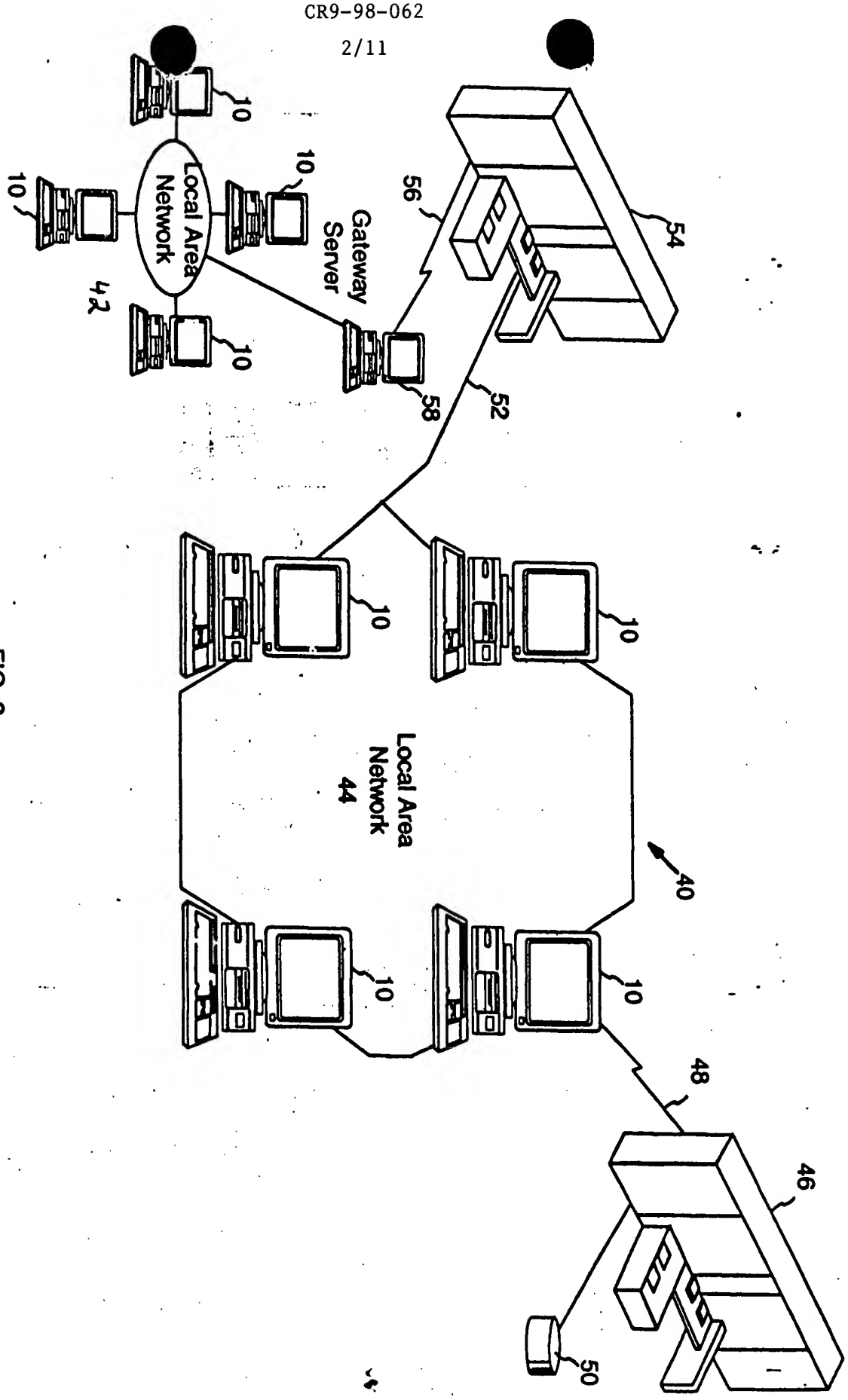


FIG. 2

09105598 - 060598

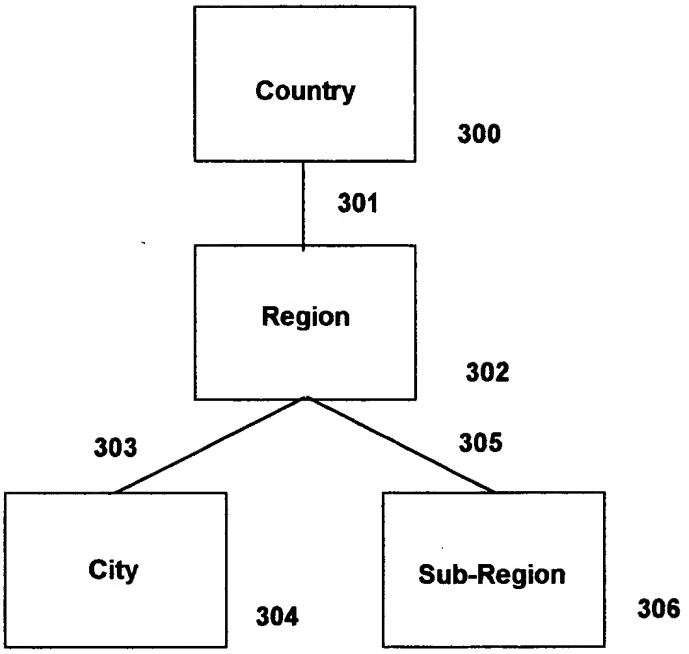


Figure 3A
(Prior Art)

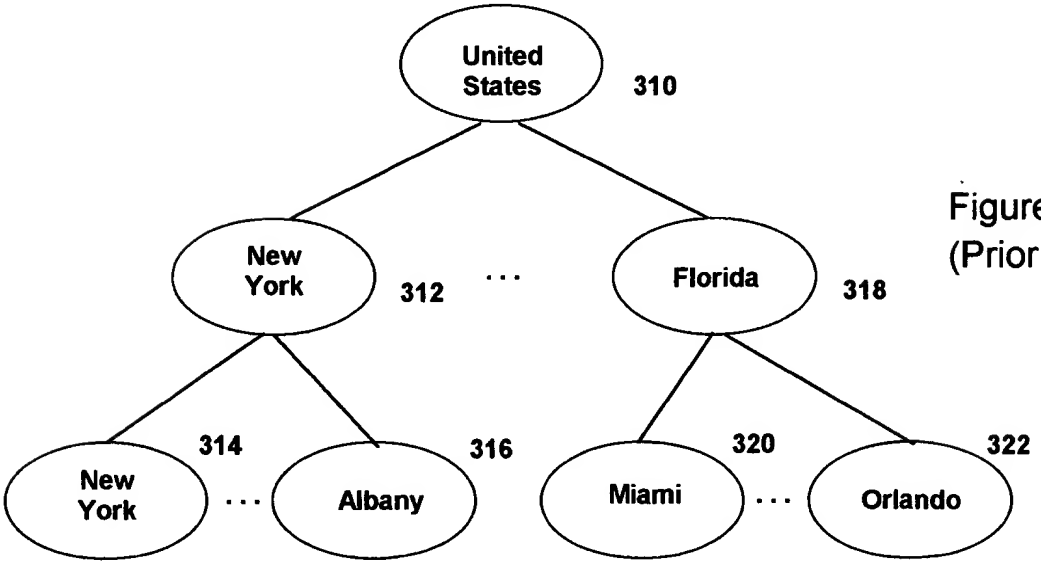


Figure 3B
(Prior Art)

Figure 3
(Prior Art)

09455998 - 050903

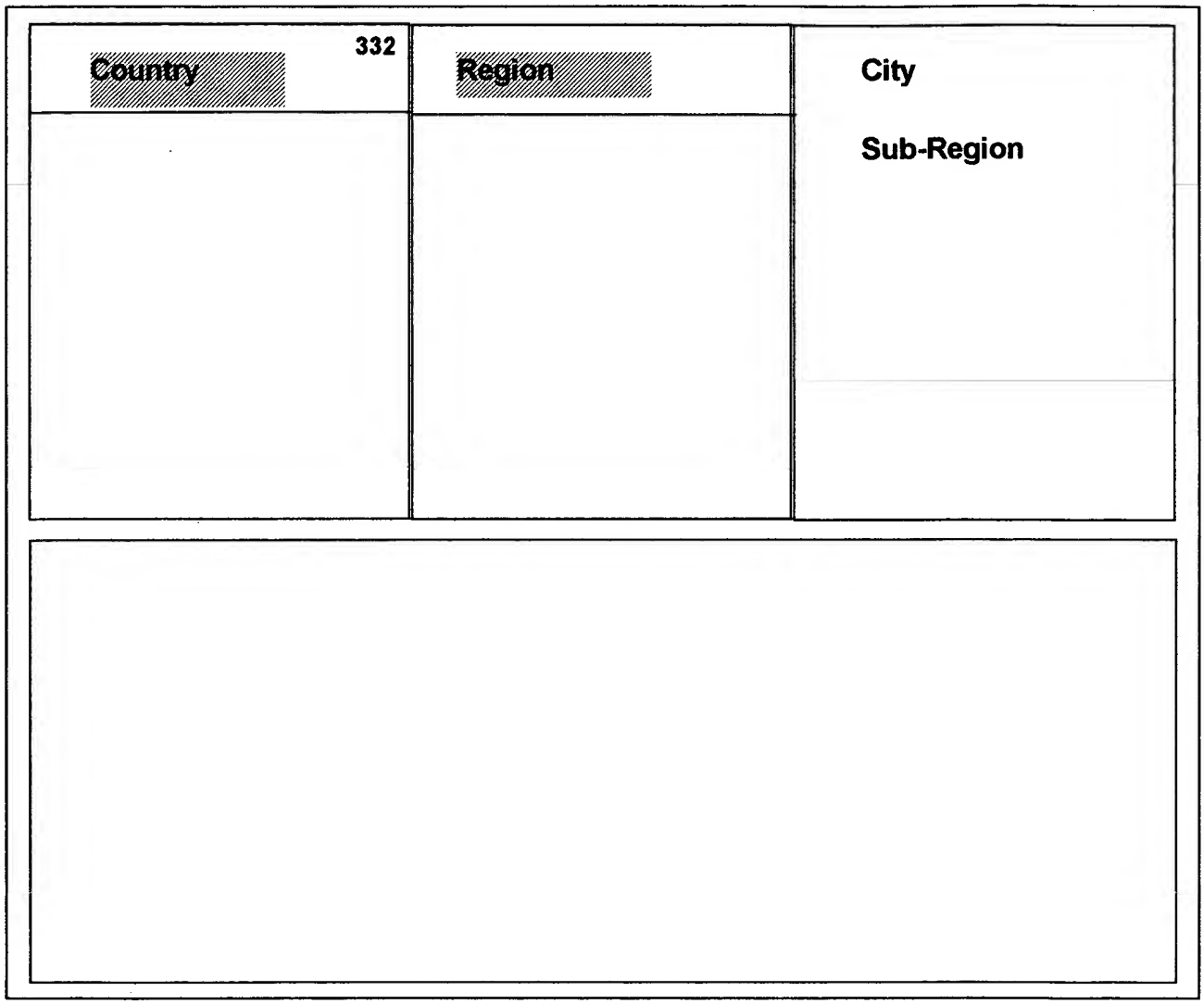


Figure 3C
(Prior Art)

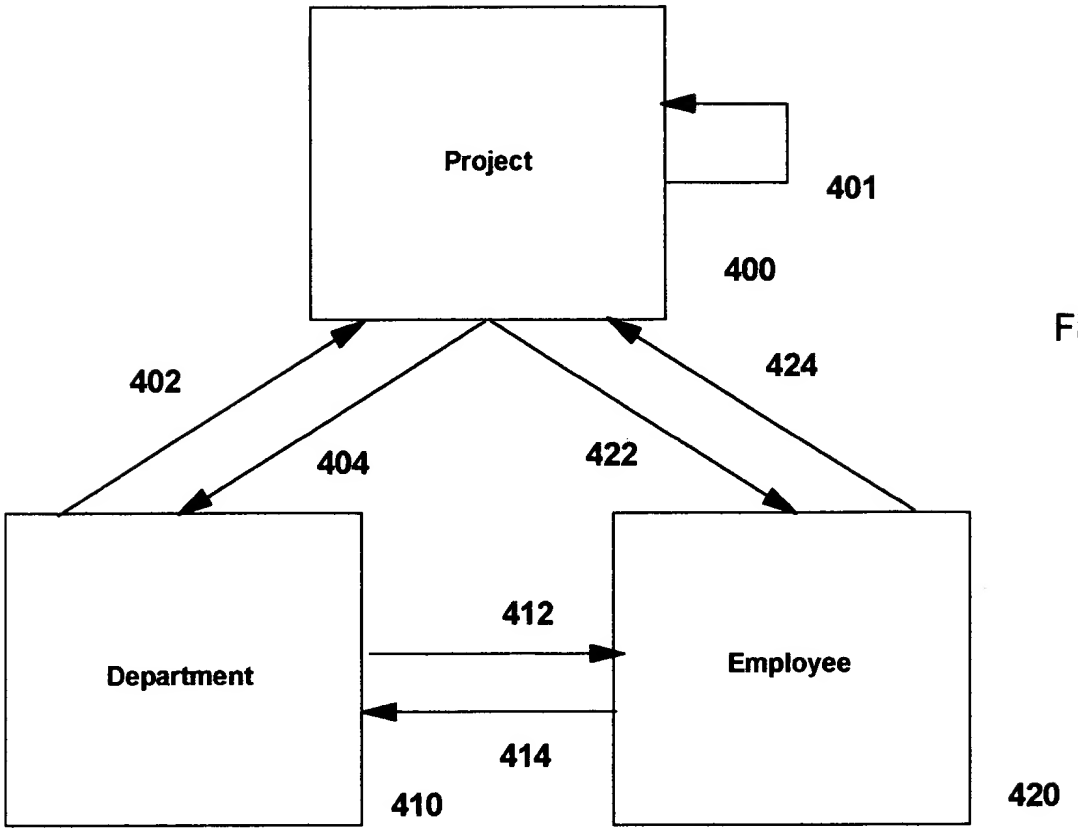


Figure 4A

Figure 4

Project Number	Responsible Dept	Responsible Employee	Sub-Project
AD3100	D01	00010	MA2100
MA2100	D01	00050	null
OP2000	E01	00010	OP2010
OP2010	E21	00320	null

Figure 4B
Project table

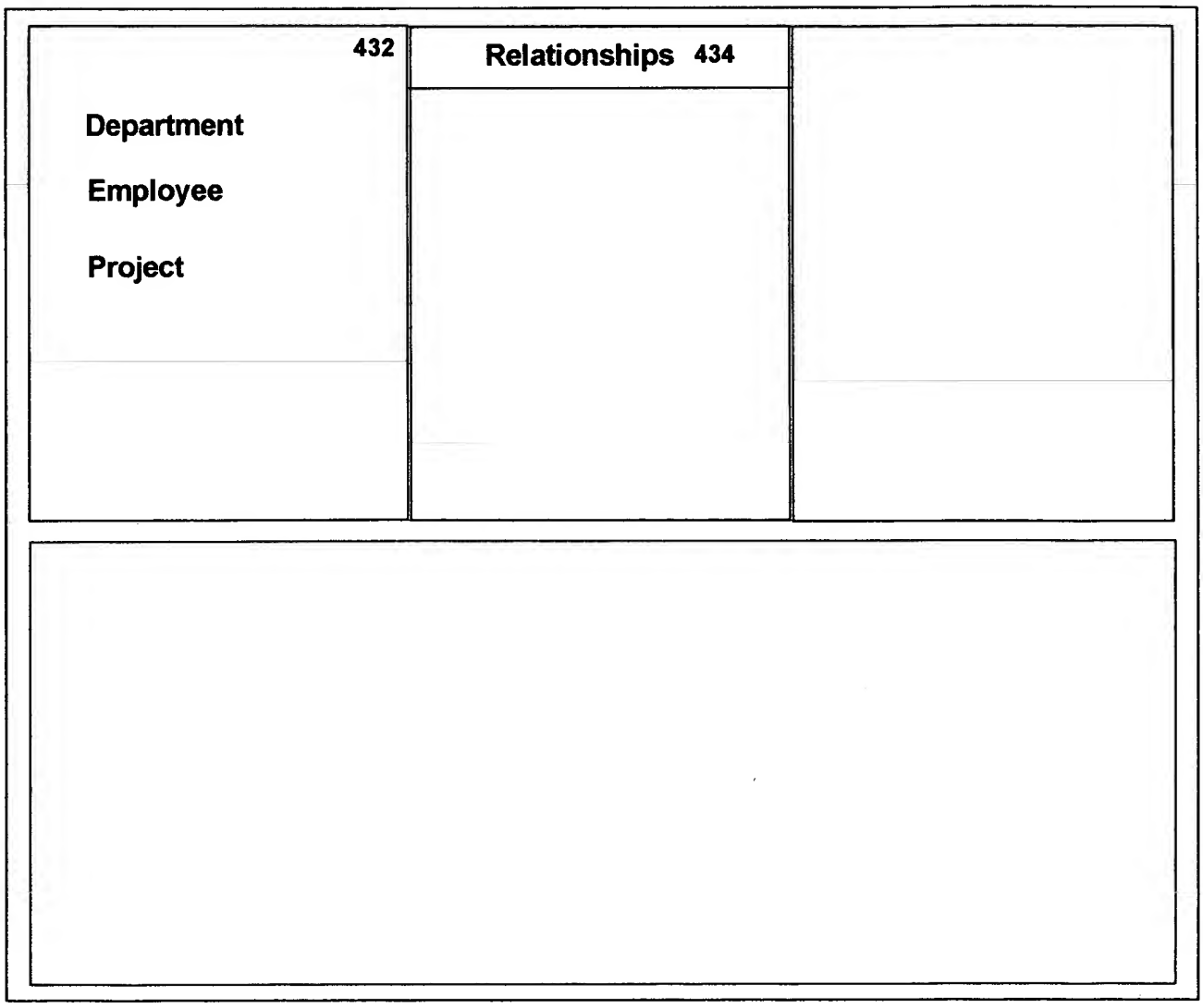
Department Number	Manager Number	Department Name
D01	00010	Development
E01	00010	Administration
E21	00320	Support
E31	00070	Operations

Figure 4C
Department table

Employee Number	Employee Name	Department
00010	Jane Doe	D01
00050	John Doe	D01
00100	John Q Public	E01
00320	Jane Q Public	E21

Figure 4D
Employee table

0454508 - 0454508



Docket No. 50-528

Figure 4E

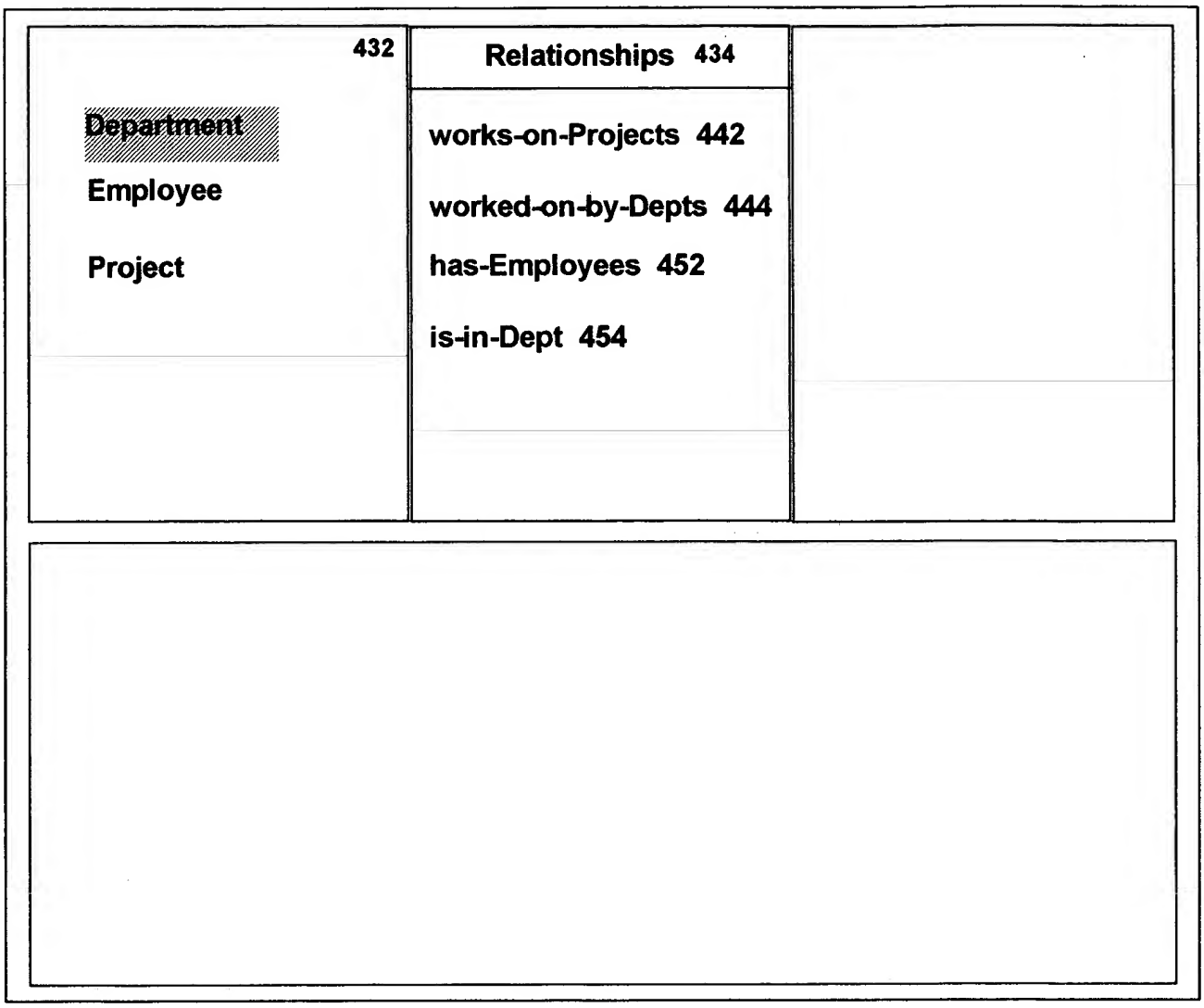

430
432
Relationships 434
Department
Employee
Project
works-on-Projects 442
worked-on-by-Depts 444
has-Employees 452
is-in-Dept 454

Figure 4F

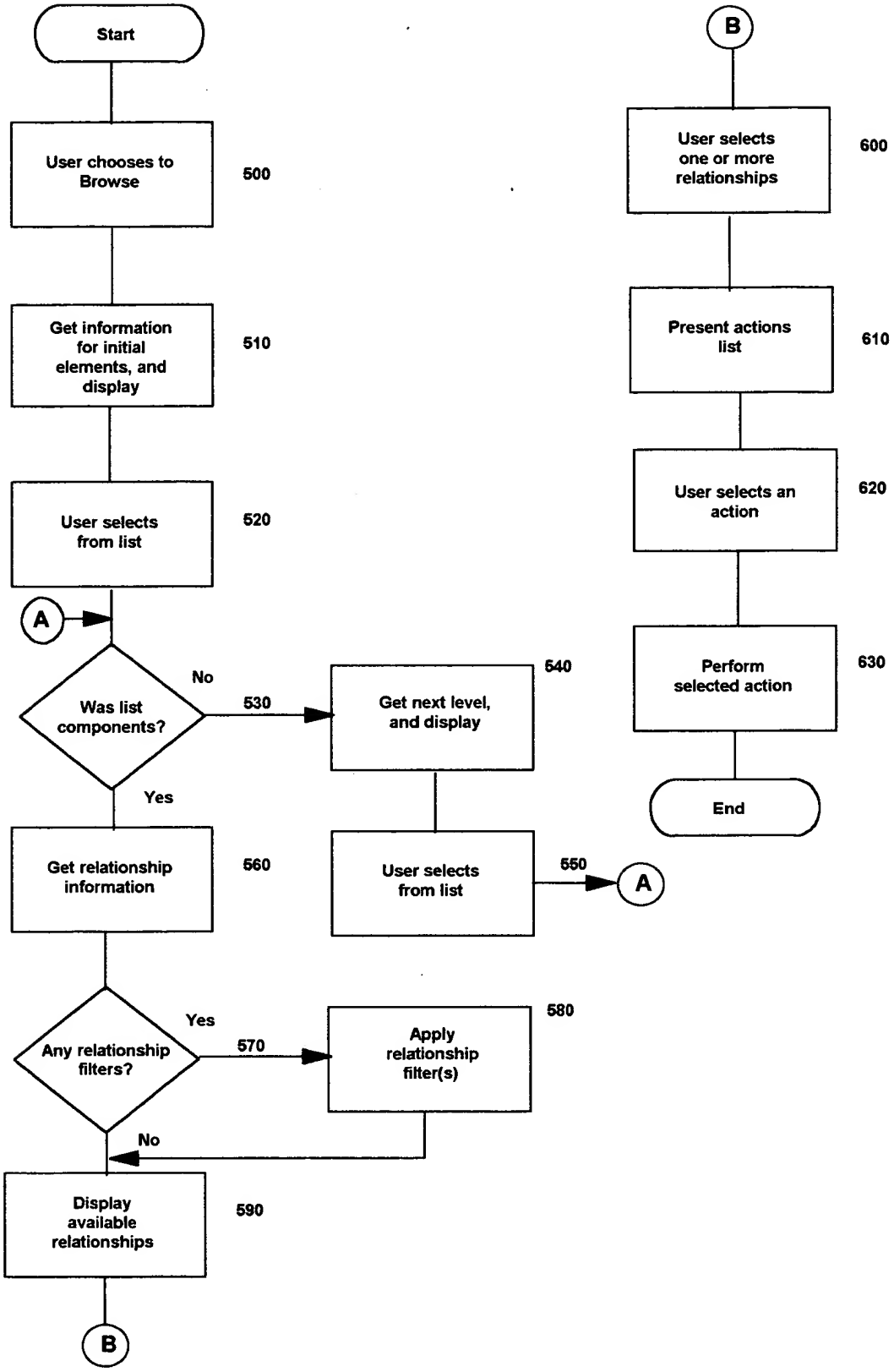

Start
User chooses to Browse
500
Get information for initial elements, and display
510
User selects from list
520
A
Was list components?
No
530
Get next level, and display
540
Yes
Get relationship information
560
User selects from list
550
A
Any relationship filters?
Yes
570
Apply relationship filter(s)
580
No
Display available relationships
590
B
B
User selects one or more relationships
600
Present actions list
610
User selects an action
620
Perform selected action
630
End

Figure 5A

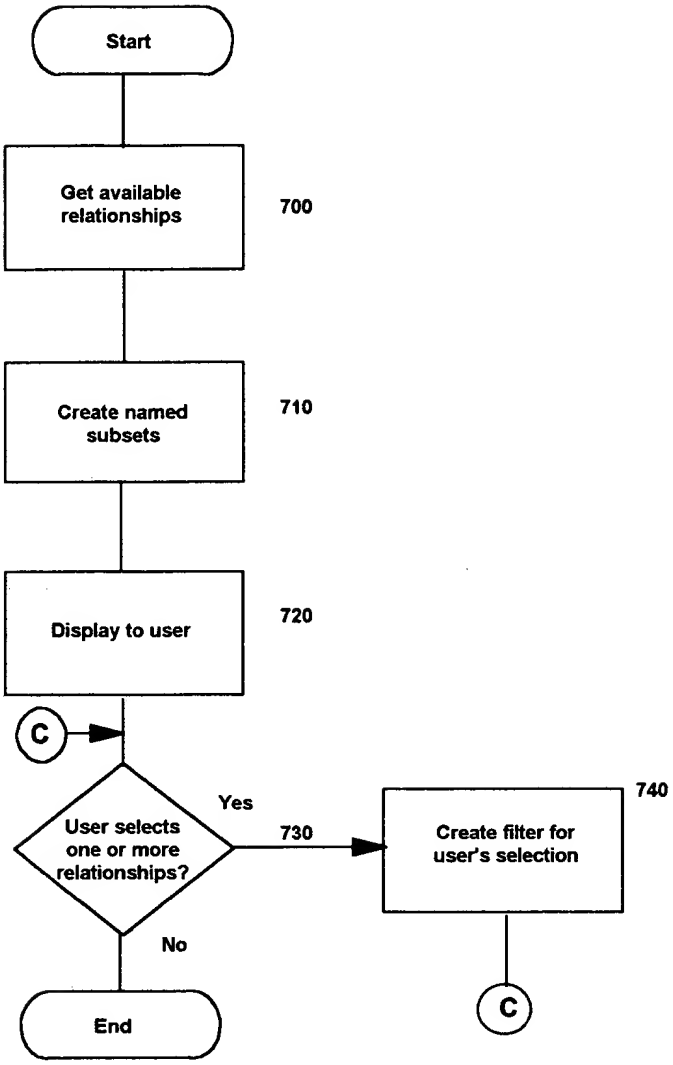

Start
Get available relationships
700
Create named subsets
710
Display to user
720
C
User selects one or more relationships?
Yes
730
Create filter for user's selection
740
No
End
C

Figure 5B